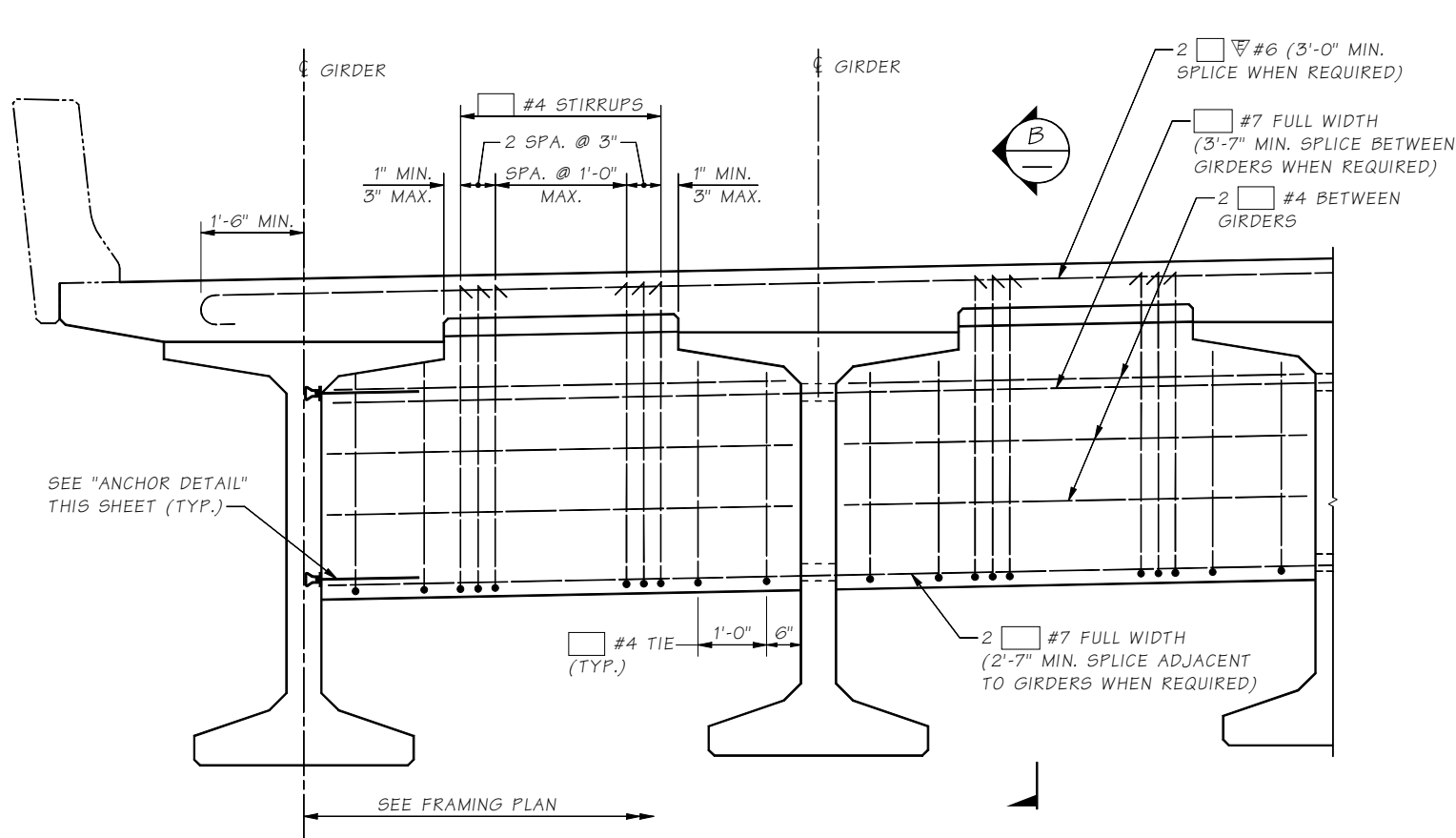


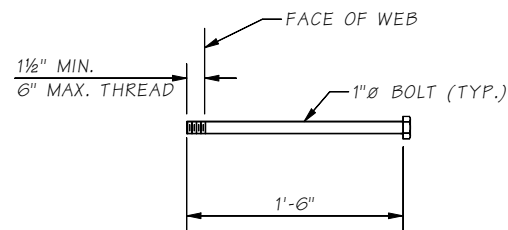
Last revised on : 01/27/2010

5.6-A7-7  
SR  
SHEET  
NO. 001



### ELEVATION INTERMEDIATE DIAPHRAGM

DIMENSIONS ARE ALONG DIAPHRAGM



### ANCHOR DETAIL

ASTM A-307

#### NOTE TO DESIGNER:

Full depth intermediate diaphragms are required for:

- 1-5 bridges
- Other bridges crossing over roads of ADT>50,000

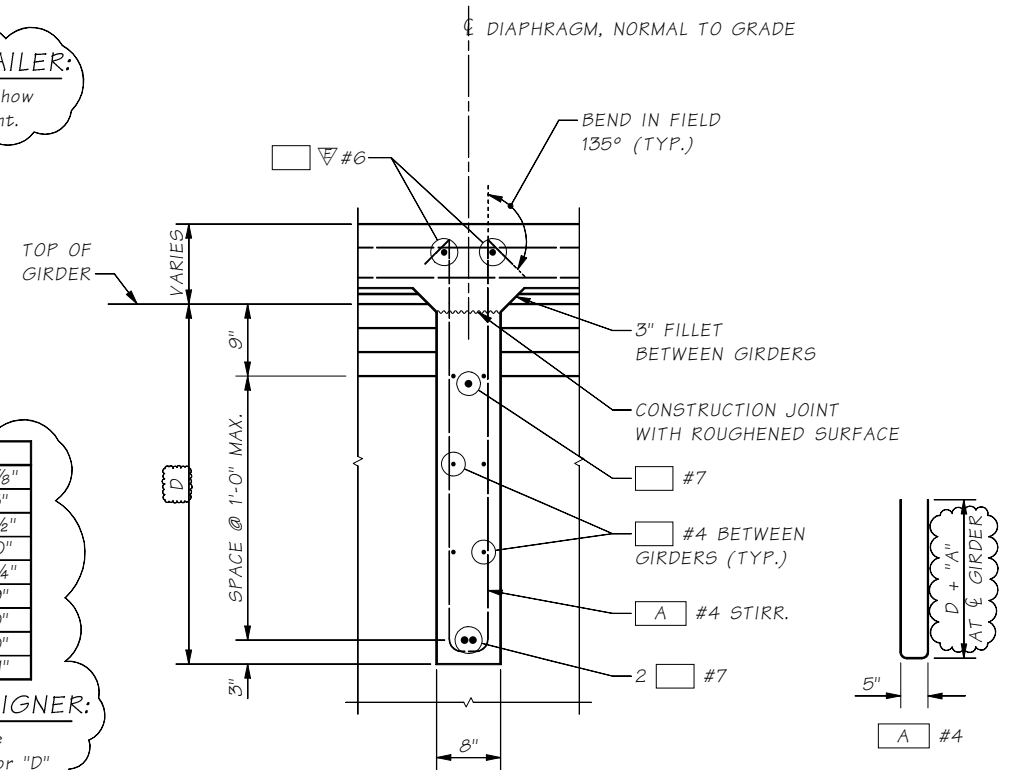
#### NOTE TO DETAILER:

Revise Details to show correct girder height.

GIRDER	D
WF36G	2'-0 7/8"
WF42G	2'-3"
WF50G	2'-7 1/2"
WF58G	2'-10"
WF66G	3'-4 1/4"
WF74G	3'-9"
WF83G	5'-0"
WF95G	5'-0"
WF100G	5'-11"

#### NOTE TO DESIGNER:

Insert appropriate dimension value for "D"



### SECTION B

SEE "GIRDER  
DETAILS" SHEET  
FOR DIMENSION "A".

#### NOTES:

1. GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
2. IT MAY BE NECESSARY TO THREAD #7 REINFORCING BARS THROUGH HOLES IN GIRDERS PRIOR TO PLACING EXTERIOR GIRDERS.
3. CUT/RELEASE GIRDER TEMPORARY STRANDS BEFORE CASTING DIAPHRAGM. SEE TEMPORARY STRAND CUTTING SEQUENCE.
4. LONGITUDINAL DIMENSIONS ARE NORMAL TO SKEW.
5. FOR CONCRETE PLACEMENT PROCEDURE SEE "SUPERSTRUCTURE CONSTRUCTION SEQUENCE" SHEET.

Bridge Design Engr.	M:\STANDARDS\Girders\WF\INTER_DIAPHRAGM_DET PARTIAL.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Wed Oct 27 08:58:21 2010

BRIDGE  
AND  
STRUCTURES  
OFFICE



Washington State  
Department of Transportation

STANDARD  
PRESTRESSED CONCRETE GIRDERS

INTERMEDIATE  
DIAPHRAGM DETAILS

BRIDGE  
SHEET  
NO.  
  
SHEET  
  
OF  
  
SHEETS